

Manhole Inspection Summary

Manhole # S270__002MH

Printed On: 1/29/2009

Page 1 of 5

Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **270** Node: **002** Status: **Found**

Insp Date: **4/30/08 12:35 PM**

Incomplete Comments

Crew: **FW,EH,DH**
Inspector: **wjenkins**
Firm: **PER**

Location Address: **1146 W Ostend St**

Cross Street: **Detter St**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **5 o clock pipe tilted downward hard to get measurement**

Cover

Shape: **Circular**

Diameter: **25.** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)
75

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **0** (in.)

Condition: ☐ Sound ☐ Cracked ☒ **Leaks**

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **9** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Barrel

Material: **Brick**

☐ Parged

Shape: **Circular** Diameter: **42** (in.) Length: **0** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☒ **Mortar** ☐ Roots ☒ **Wall**

Bench

☒ Exists Material: **Brick**

☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel

Material: **Unknown**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps

Count: **10** Missing: **0** ☒ **Corroded**

Surcharge

☒ **Evidence Of Surcharge** Depth: **6** (ft.) ☐ Active Surcharge Present

Manhole Inspection Summary

Manhole # S27O__002MH

Printed On: 1/29/2009

Page 2 of 5

Location View



Top View



Cover View



Defect 4



Cracked and Deteriorating Chimney,
Cracks in Corbel

Defect 3



SIGNS OF SURCHARGE

Defect 5



Barrel infiltration, cracks in barrel

Defect



BARREL INFILTRATION ABOVE
12O'CLOCK PIPE.

Defect 2



SIGNS OF INFILTRATION CORBEL

Defect 1



RUSTED RUNGS SIGNS OF
INFILTRATION AT CORBEL.

Defect



frame leaks

Manhole Inspection Summary

Manhole # S27O__002MH

Printed On: 1/29/2009

Page 4 of 5

24 in. Circular Gravity Sewer
Pipe Out @ 12 OClock

12 O'Clock Outflow

Defect



BARREL INFILTRATION ABOVE 12OCLOCK PIPE.

Pipe Height: **24** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **16.70** (ft.) Flow Characteristics: **Fast**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

10 in. Circular Gravity Sewer
Pipe In @ 5 OClock

5 O'Clock Inflow



SIGNS OF INFILTRATION MISSING
MORTAR/UNKOWN CONNECTION (COULD
BE AN ILLEGAL CONNECTION)

Pipe Height: **9.6** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **14.83** (ft.) Flow Characteristics: **None**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: **Evidence** Pipe Seal Cond: **Broken**

Drop: **None**

Connects To: **House connection / Service line**

☐ Possible Illicit Connection

Manhole Inspection Summary

Manhole # S270__002MH

Printed On: 1/29/2009

Page 5 of 5

24 in. Circular Gravity Sewer

6 O'Clock Inflow

Pipe In @ 6 O'Clock



Pipe Height: **24** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **16.61** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

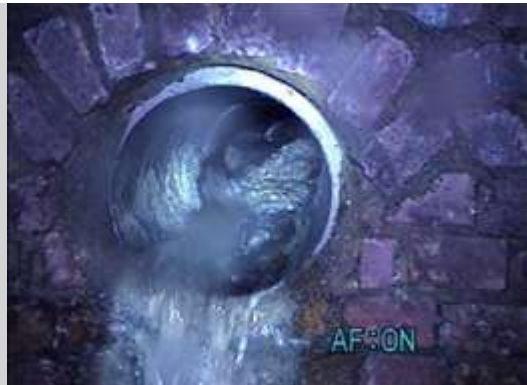
Connects To: **Manhole**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer

9 O'Clock Inflow

Pipe In @ 9 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **8.91** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop In @ 9 O'Clock



Drop: Inside	Rod and Bar
Angled: Yes	Reading: 15.05 (ft.)
	Inv Depth: 16.05 (ft.)
Drop Condition: Open	

Connects To: **Manhole**

☐ Possible Illicit Connection